

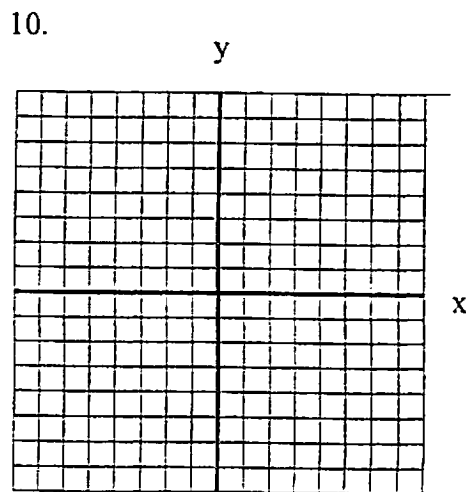
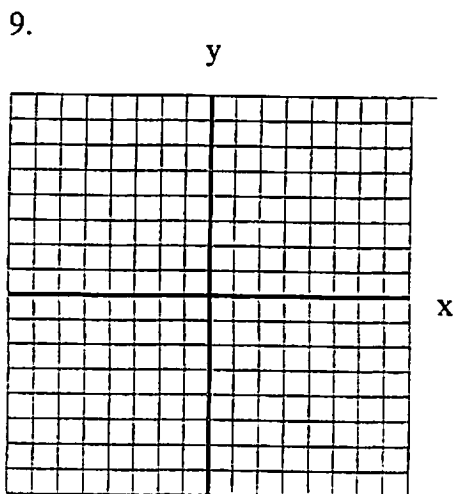
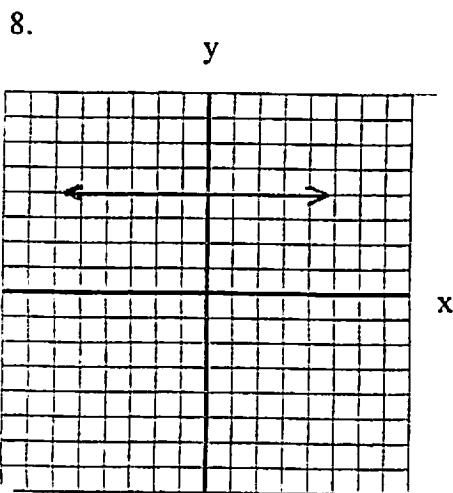
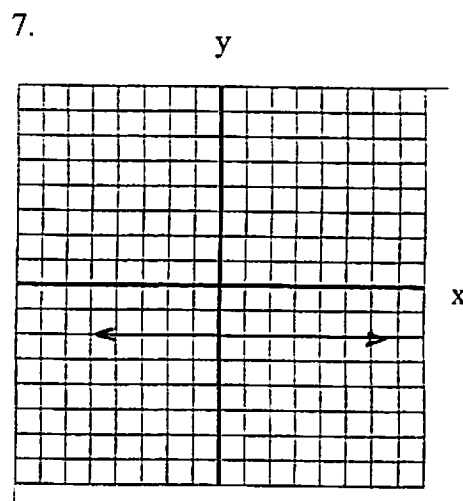
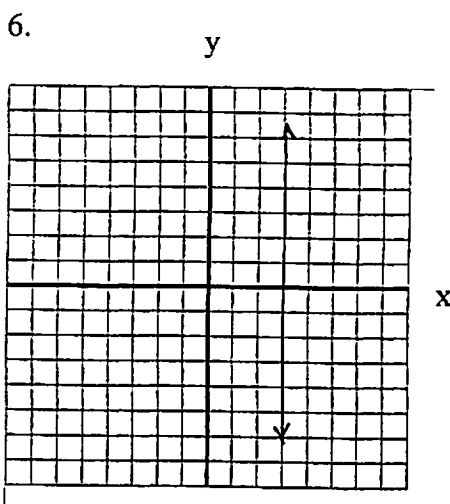
Find the slope of the line that contains the points then write the equation of the line that contains the points.

1. (2,3) (4,3)
 2. (-3,5) (-3,7)
 3. (-4,-5) (-4,8)
-
4. (2,-3) (-4,-3)
 5. (1,-5) (-2,-5)

Write the equation of each line:

GRAPH 9 & 10

- 6.
- 7.
- 8.
9. $x = -5$
10. $y = -7$



Graph each line and show two points.
Write the coordinates of the points.

11. $y - 2 = \frac{1}{2}(x - 3)$

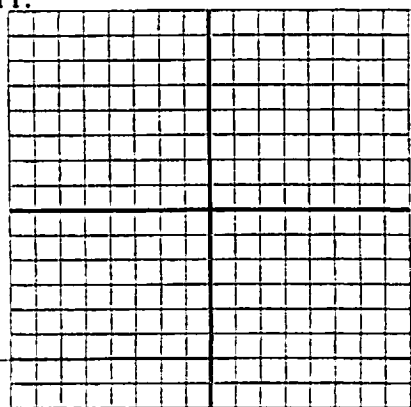
12. $y + 4 = -\frac{2}{5}(x + 2)$

13. $y - 5 = \frac{7}{2}(x + 1)$

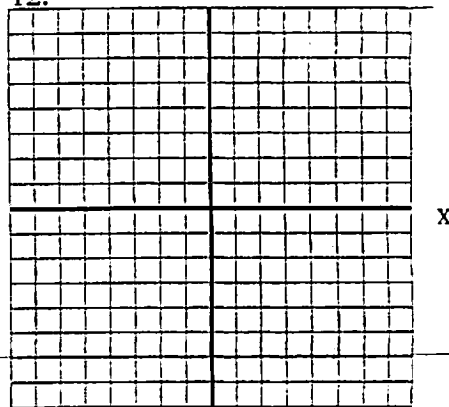
14. $y + 5 = -\frac{1}{4}(x + 3)$

15. $y - 1 = -\frac{4}{3}(x - 1)$

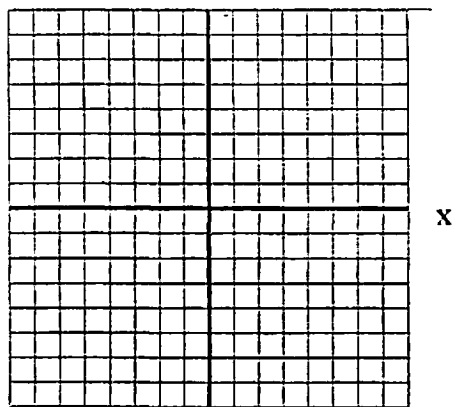
11.



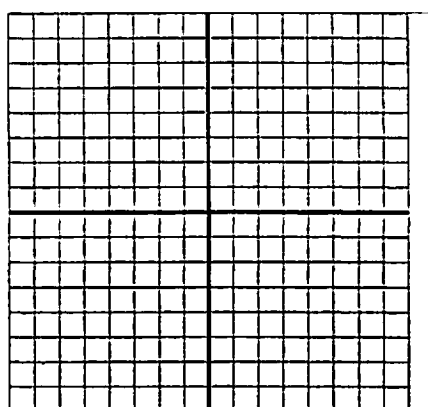
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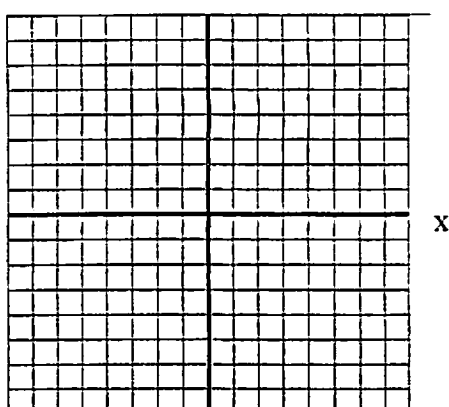
13.



14.



15.



Write the equation of each line

16.

17.

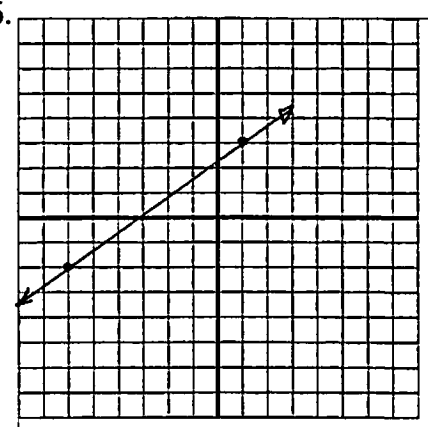
18.

19.

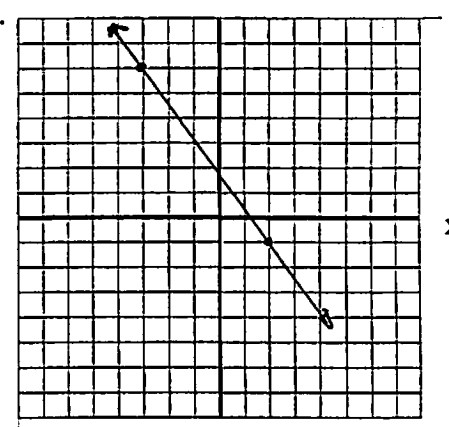
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18.

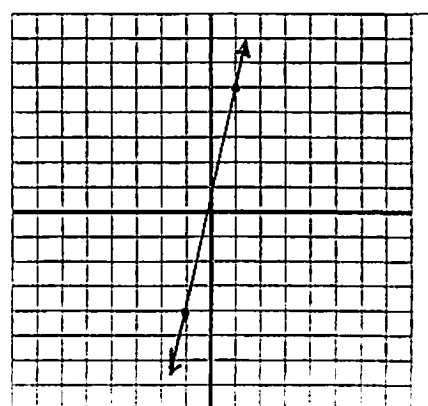
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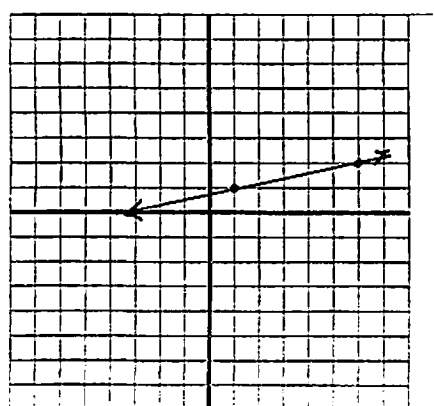
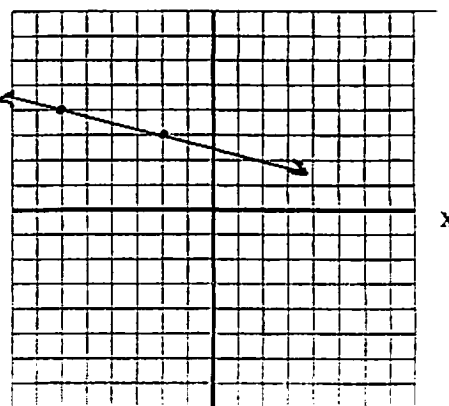
17.



19.



20.



Part I: Change each linear equation below from point-slope form to standard form:

1. $y - 5 = \frac{4}{3}(x + 7)$

2. $y - 4 = -\frac{2}{3}(x + 3)$

3. $y - 6 = \frac{4}{3}(x - 1)$

4. $y - 2 = \frac{2}{3}(x - 1)$

5. $y + 4 = -\frac{1}{3}(x - 3)$

6. $y - 1 = \frac{5}{2}(x + 8)$

7. $y+7=\frac{2}{3}(x-4)$

8. $y-2=-\frac{1}{3}(x-1)$

9. $y-8=\frac{6}{5}(x+6)$

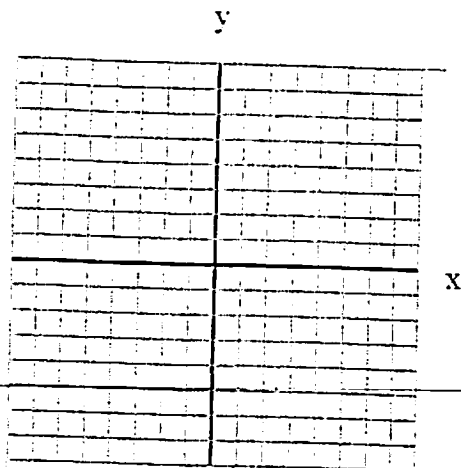
10. $y+2=-\frac{3}{4}(x+3)$

11. $y-1=-\frac{1}{3}(x-4)$

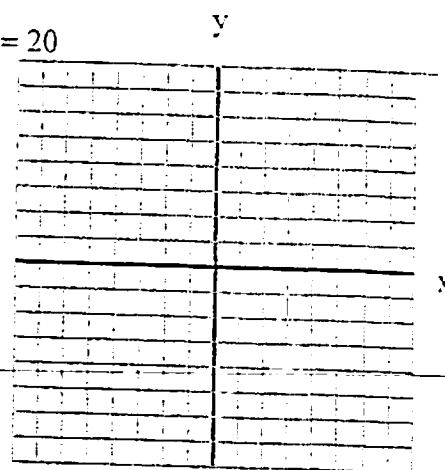
12. $y+3=\frac{7}{2}(x-1)$

Part II: Find the x and y intercepts and graph each line using them:

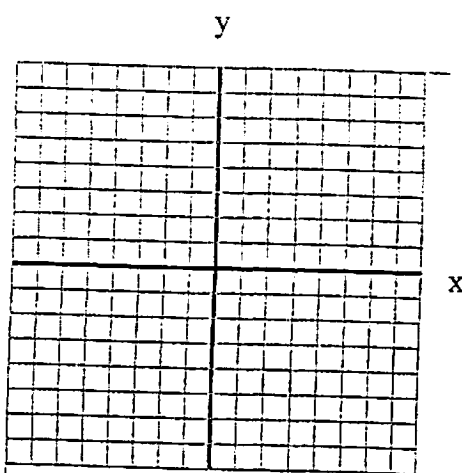
13. $3x - 2y = 6$



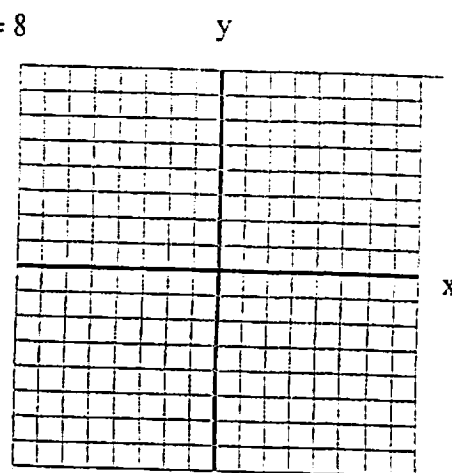
14. $4x + 5y = 20$



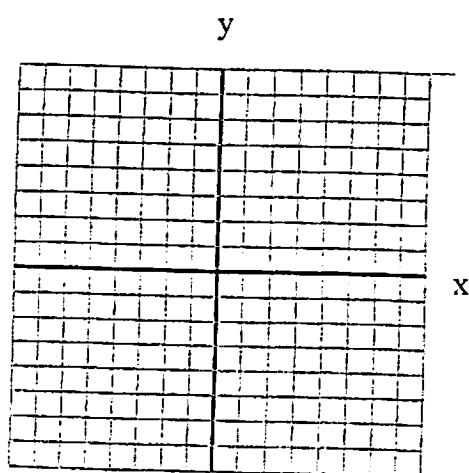
15. $2x + y = 6$



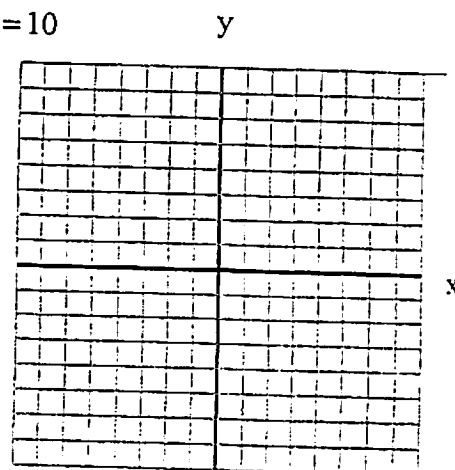
16. $x - 4y = 8$



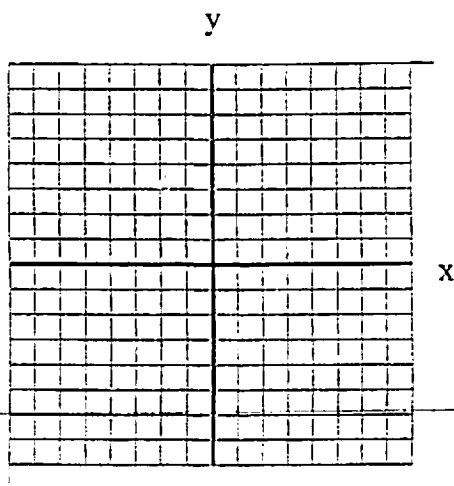
17. $3x - 5y = 15$



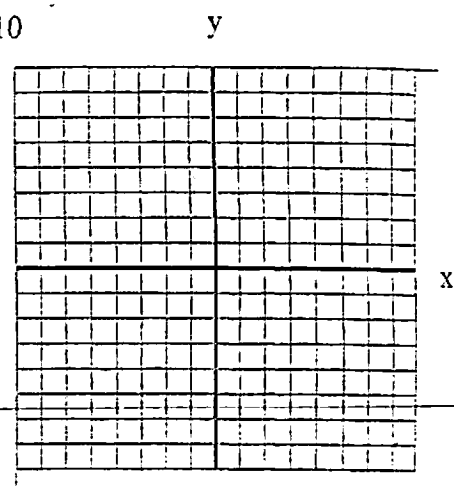
18. $2x + 5y = 10$



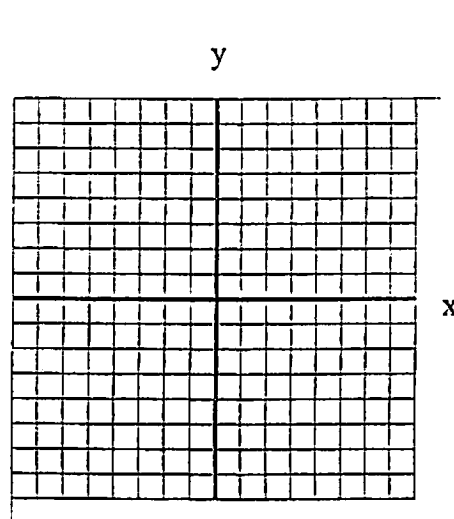
19. $3x + 2y = 6$



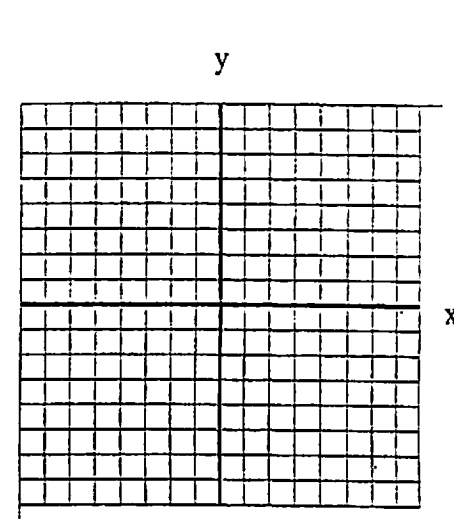
20. $2x - 5y = 10$



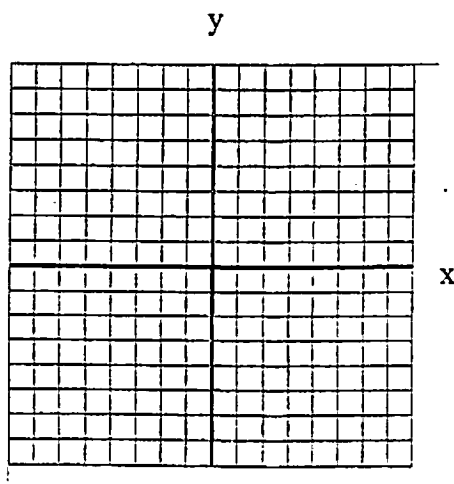
21. $2x + 2y = 8$



22. $x - y = 4$



23. $x + y = 3$



24. $2x - y = 6$

